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- (74) Agent: SERRAVALLE, Marco; Serravalle s.a.s., Via Benvenuto Cellini, 11, I-20090 Segrate/Mi (IT).
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- (71) Applicants (*for all designated States except US*): TEC-
NOTESSILE SOCIETA NAZIONALE DI RICERCA
TECNOLOGICA R.L. [IT/IT]; Via del Gelso, 13,
I-59100 Prato (IT). INSTUTO SCIENTIFICO DI
CHIMICA E BIOCHIMICA "G. RONZONI" [IT/IT];
Via G. Colombo 81, I-20133 Milano (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): TORRI, Giangia-
como [IT/IT]; Via G. Colombo, 81/A, I-20133 Milano
(IT). ALBERTI, Angelo [IT/IT]; Via P. Gobetti 101,
I-40129 Bologna (IT). BERTINI, Sabrina [IT/IT]; Via
Macedonio Melloni, 22, I-20129 Milano (IT). CIA-
RDELLI, Gianluca [IT/IT]; Via Francesco Bonaini,
30, I-56125 Pisa (IT). GASTALDI, Giuseppe [IT/IT];
Via Casa S. Fermo, 5, I-27044 Canneto Pavese/Pv (IT).
NESTI, Solitario [IT/IT]; Via Giugnano, 42, I- 51030
S. Baronto/Pt (IT). VISMARA, Elena [IT/IT]; Via G.
Colombo 81/A, I-20133 Milano (IT).
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(54) Title: FREE-RADICAL FUNCTIONALIZED POLYSACCHARIDES

(57) Abstract: The invention concerns a method for functionalizing polysaccharides using a source or free radicals which forms stable radicals on the polysaccharides structure and wherein the formed radicals reacts with a functionalized unsaturated compound, characterized in that the method comprises two steps: a first step, wherein the free radical on the polysaccharide chain is formed, and a second step, wherein said radical reacts with the unsaturated compound in the absence of the radical source. The invention also relates to the functionalized polysaccharide obtained by this process.

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Week 200216 Derwent Publications Ltd., London, GB; AN 2002-137956 XP002250041 & TW 429 280 A (IND TECHNOLOGY RES INST), 11 April 2001 (2001-04-11) abstract	1-13
Y	US 5 344 462 A (GEORGY Z. PASKALOV ET AL.) 6 September 1994 (1994-09-06) column 1, line 59 -column 2, line 32 -/-	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax. (+31-70) 340-3016

Authorized officer

Lensen, H

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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